4727 12th Avenue NE Seattle, WA 98106 **SDCI #3028950** 01.24.2018



CITIZEN DESIGN | 18.0124

SITE INFORMATION

4727 12th Avenue NE APN: 674670-1970

Zoning: SM-U 75-240 (M1)

Overlay: University District NW Urban Center Village

Lot Area: 4500 sf

Current Use: Single Family Residential

DEVELOPMENT GOALS

60 SEDUs + 7 EDUs No Live/Work Units No Commercial Space No Parking

DEVELOPMENT STATEMENT

University 4727 provides modern, efficient housing to an overcrowded community. By constructing primarily Small Efficiency Dwelling Units (SEDUs) and several Efficiency Dwelling Units (EDUs), University 4727 helps densify the neighborhood. By integrating bicycle storage and developing near existing transit and anticipated RapidRide improvements, this project provides car-free connections to both the neighborhood and the remainder of the city at large.

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PROJECT TEAM

DEVELOPER

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ARCHITECT + APPLICANT

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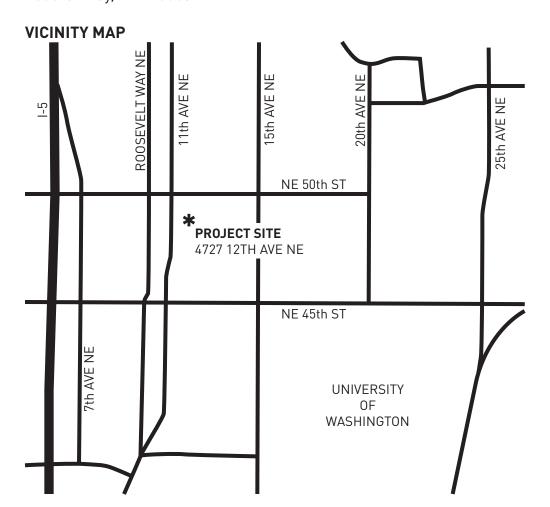
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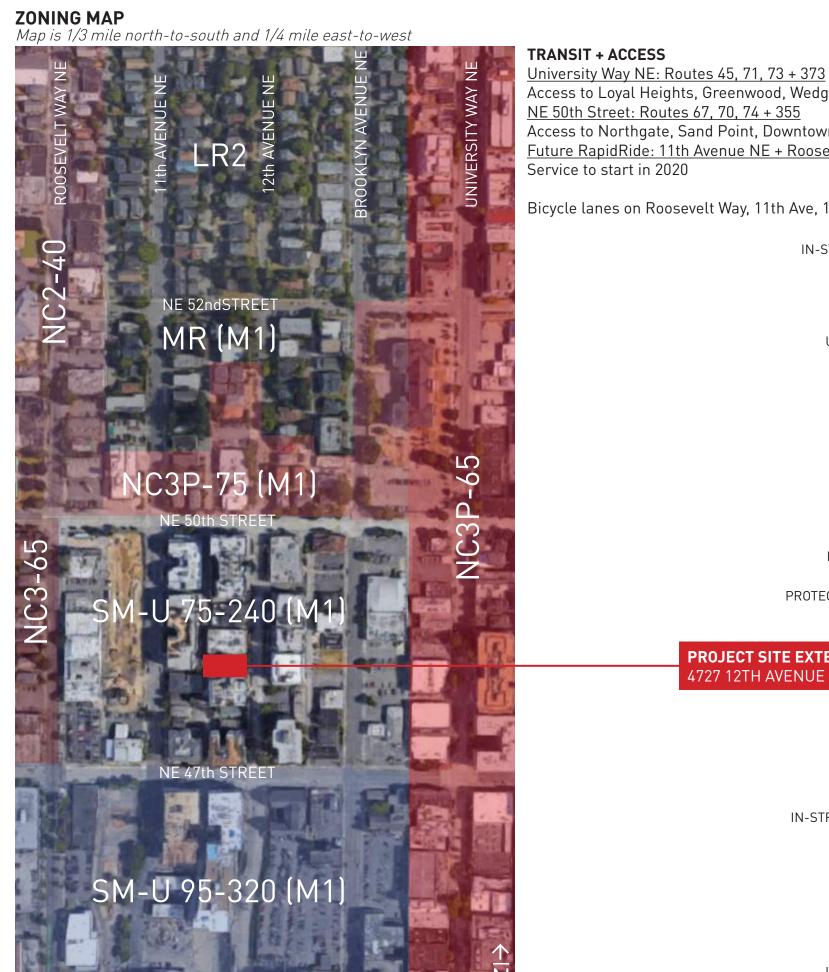
DESIGNER

Randall Spaan 333 Lakeside Avenue S Seattle, WA 98144

ARBORIST

Steve Cushing ISA No.: PN-7629A 37463 18th Avenue S Federal Way, WA 98003





TRANSIT + ACCESS

Access to Loyal Heights, Greenwood, Wedgewood, Ravenna, etc. NE 50th Street: Routes 67, 70, 74 + 355 Access to Northgate, Sand Point, Downtown Seattle + Capitol Hill Future RapidRide: 11th Avenue NE + Roosevelt Way NE

Bicycle lanes on Roosevelt Way, 11th Ave, 12th Ave + University Way

IN-STREET BIKE LANES (BOTH WAYS) University Way NE

> NEIGHBORHOOD GREENWAY 12th Avenue NE

BUS STOP UNIVERSITY WAY NE + NE 50th ST ROUTES 45, 71, 73 + 373

BUS STOP BROOKLYN AVE NE + NE 50th ST-ROUTE 70

> **BUS STOP** 11th AVE NE + NE 50th ST **ROUTE 67**

BUS STOP ROOSEVELT WAY NE + NE 50th ST ROUTES 67, 74 + 355

PROTECTED BIKE LANE (SOUTHBOUND) Roosevelt Way NE

PROJECT SITE EXTENTS 4727 12TH AVENUE NE

BUS STOP 11th AVE NE + NE 47th ST **ROUTES 67 + 74**

IN-STREET BIKE LANE (NORTHBOUND) 11th Avenue NE

> **BUS STOP** 12th AVE NE + NE 47th ST ROUTES 49 + 70

BUS STOP UNIVERSITY WAY NE + NE 45th ST ROUTES 45, 71, 73 + 373



TRANSIT + ACCESS MAP

EDG PACKAGE | 4727 12TH AVE NE

NEIGHBORING LAND USES



LAND USE SUMMARY

- Dominant land uses in vicinity are multifamily residential and commercial
- Some townhomes located north of 12th Avenue NE
- Some detached houses remaining from early 20th Century development
- Vicinity also includes a church, a fire station and a YMCA

PROJECT SITE EXTENTS4727 12TH AVENUE NE

SINGLE FAMILY RESIDENTIAL MULTI FAMILY RESIDENTIAL COMMERCIAL OTHER (CHURCH, FIRE STATION + YMCA)





NEIGHBORHOOD VICINITY PHOTOS



U DISTRICT PUBLIC LIBRARYNORTHWEST OF SITE

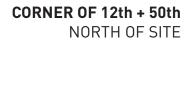


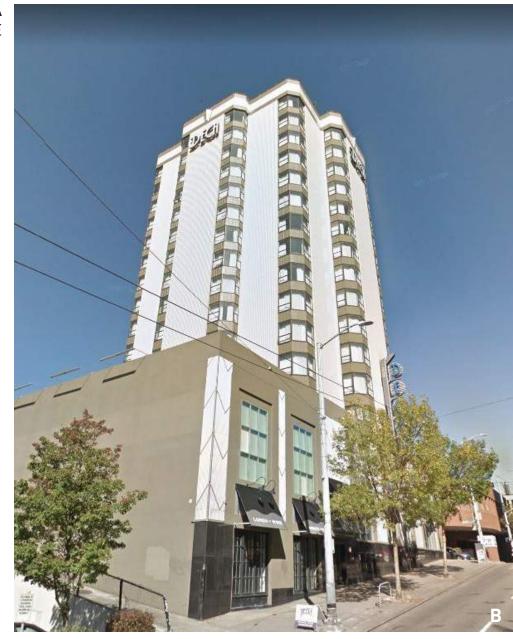


THE AVEEAST OF SITE



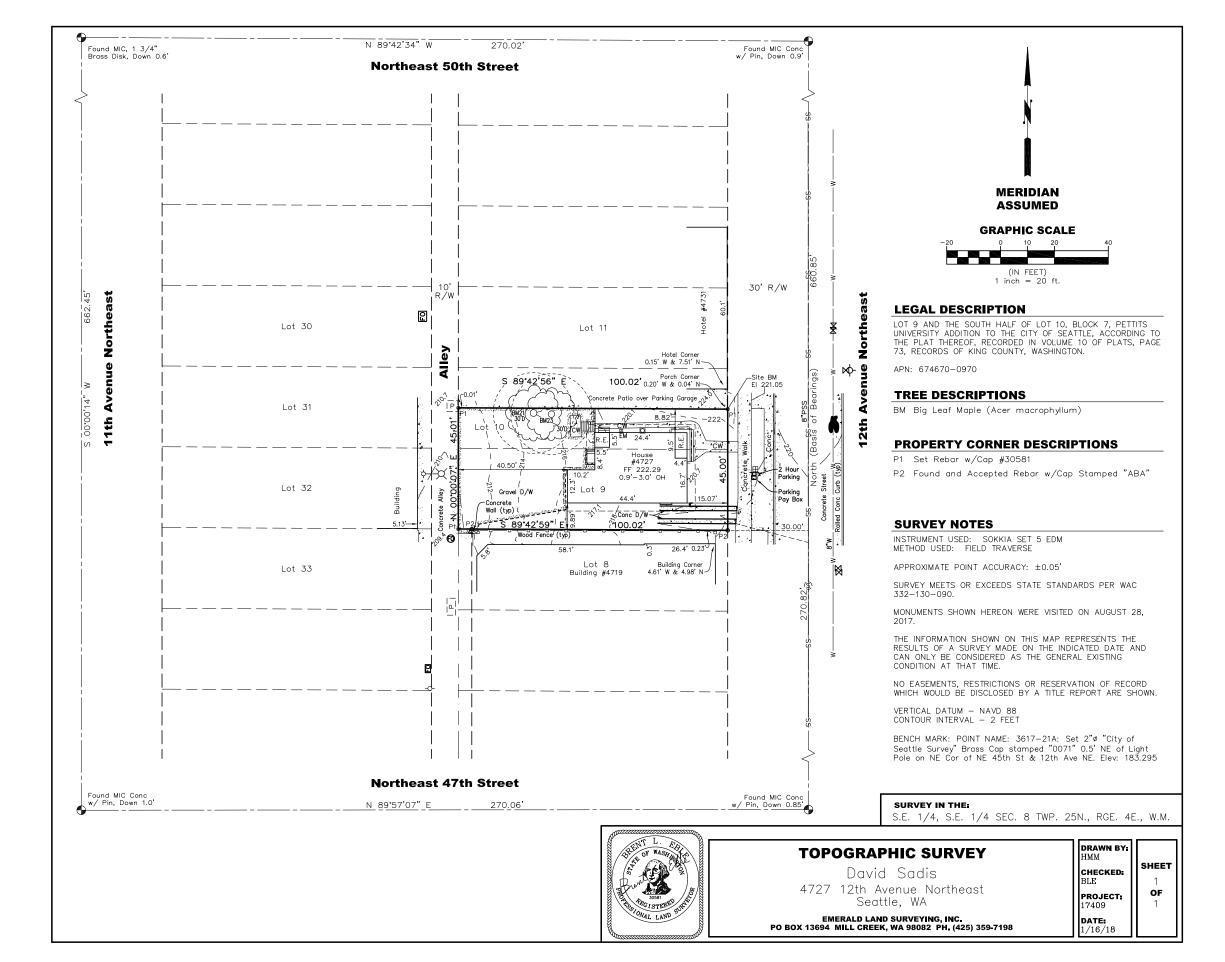
CORNER OF 12th + 47th SOUTH OF SITE







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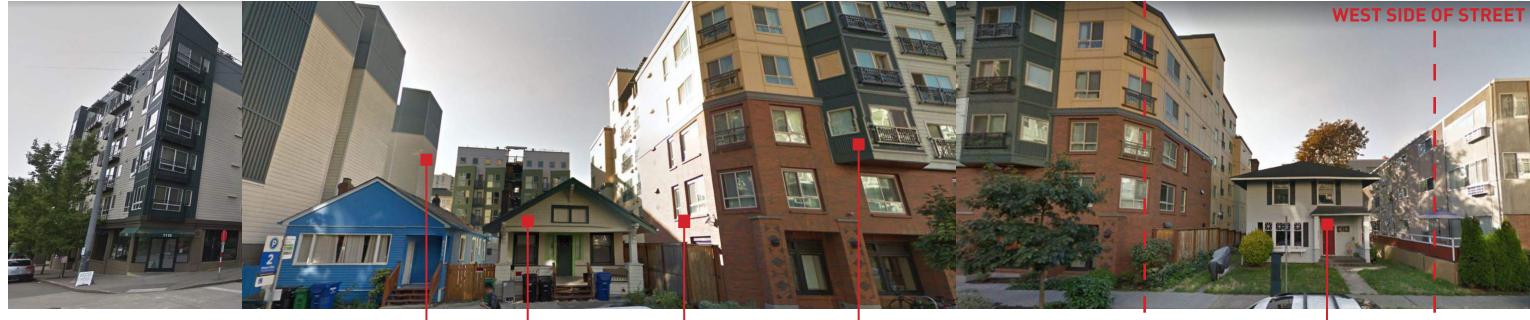


TREE SUMMARY

Per Director's Rule 16-2008, the following diameter thresholds apply for tree species located on the project site:

Big Leaf Maple (Acer macrophyllum): 30"

All existing trees fall below this threshold and therefore are not exceptional. Please refer to the arborist's report of 01/16/2018 for details.



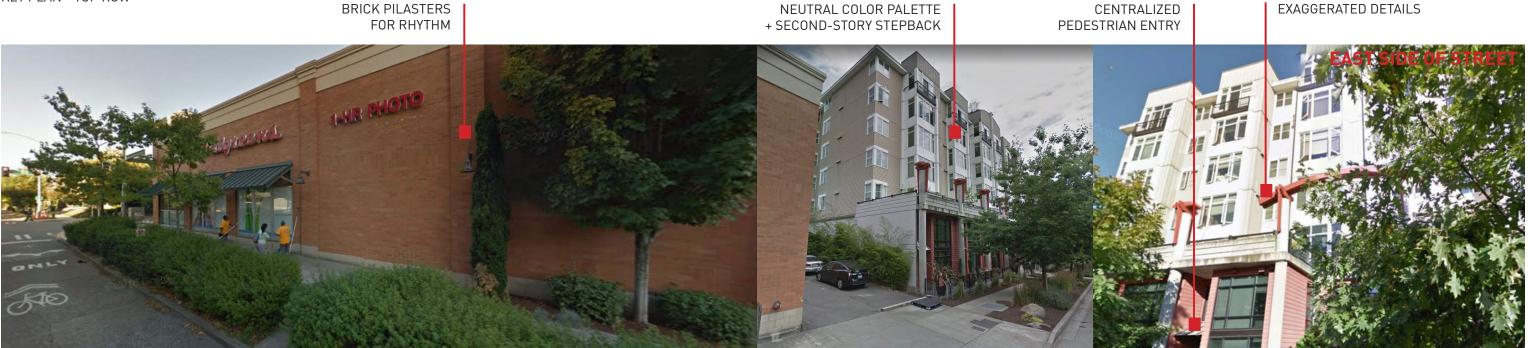
GRAYSCALE COLOR PALETTE

SINGLE AND MULTI-FAMILY RESIDENTIAL WITH A MIX OF FLAT AND PITCHED ROOFS

BAY WINDOWS

PROJECT SITE 4727 12TH AVENUE NE

KEY PLAN - TOP ROW



OBSERVED PATTERNS:

- Narrow (or no) structure setbacks for newer structures
- Facade articulation is common, including window bays.
- Varied material and color palettes
- Step-backs and material changes at second floor
- Flat roofs
- Repeated vertical elements for rhythm

OTHER OBSERVATIONS:

- No dominant architectural style
- Wide variety of materials and colors
- Red brick is a common material
- Other materials include cement panel, lap siding, concrete + metal
- Ellipse Apartments to the essentially flat walls at the Walgreens

Existing development on 12th Avenue NE indicates that the block is undergoing a transition from the historic norm of single-family, detached houses to mid- and high-rise, mixed-use structures. The north and south ends of the subject parcel's frontage fall into the latter category, and several seven-story buildings are found on the block. The middle of • Wide variety of detailing, from the exaggerated timber arch at the the frontage is still representative of previous eras, including a number of early 20th Century houses and a mid-century motel.

FLAT ROOF

2-3 STORY OLD BUILDING HEIGHTS 6-7 STORY NEW BUILDING HEIGHTS MULTIFAMILY RESIDENTIAL WITH COMMERCIAL BELOW

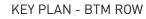
FACADE ARTICULATION



MONOCHROMATIC MATERIAL PALETTE RECTILINEAR FACADE ARTICULATION WITH BALCONIES

RED BRICK CONSTRUCTION

UNUSUALLY WIDE FRONT SETBACK





⊇ EXISTING SITE PLAN + SITE SECTION (NOT TO SCALE)

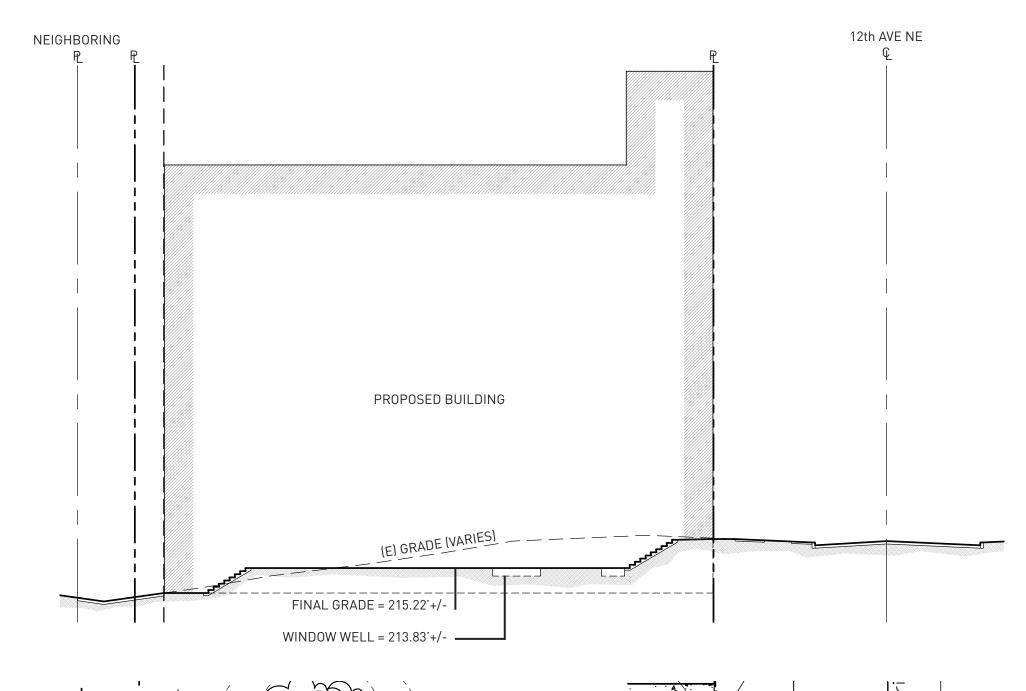
EXISTING DEVELOPMENT SUMMARY:

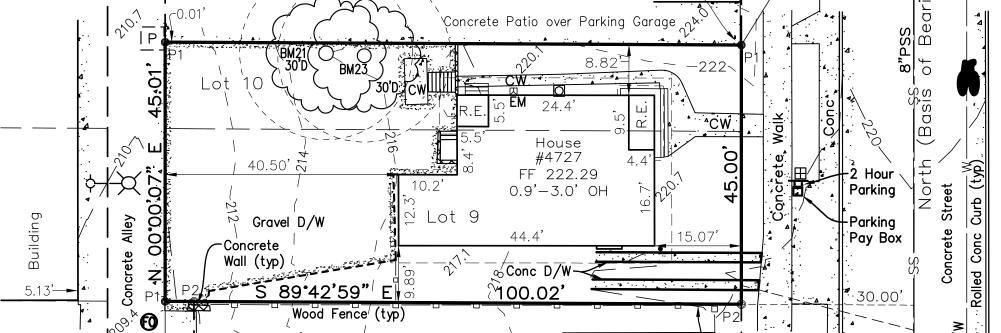
ONSITE IMPROVEMENTS

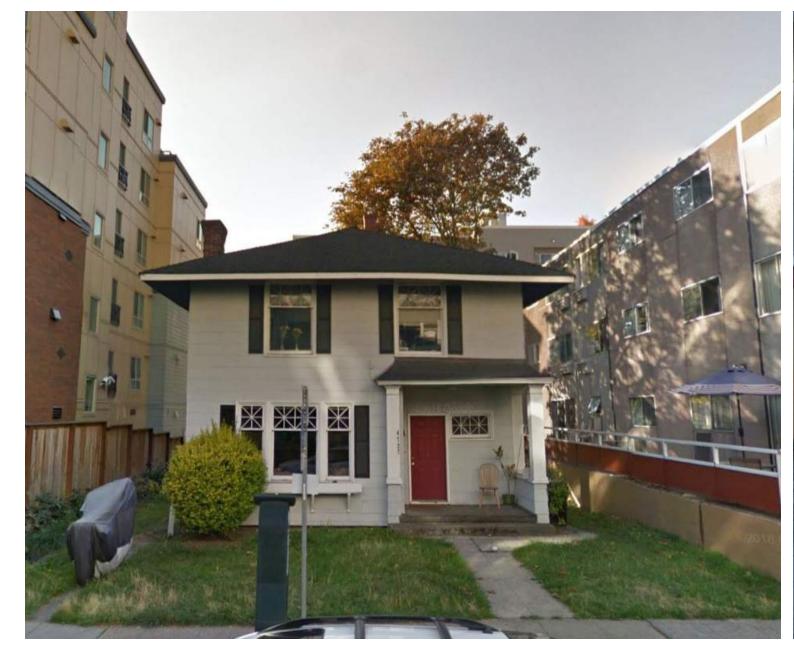
Existing triplex constructed in 1907 Gravel parking lot accessed from alley Concrete walkways + porch Two trees (not exceptional per Director's Rule)

FRONTAGE IMPROVEMENTS

Concrete walk-off strip + sidewalk Planter strip Parking meter









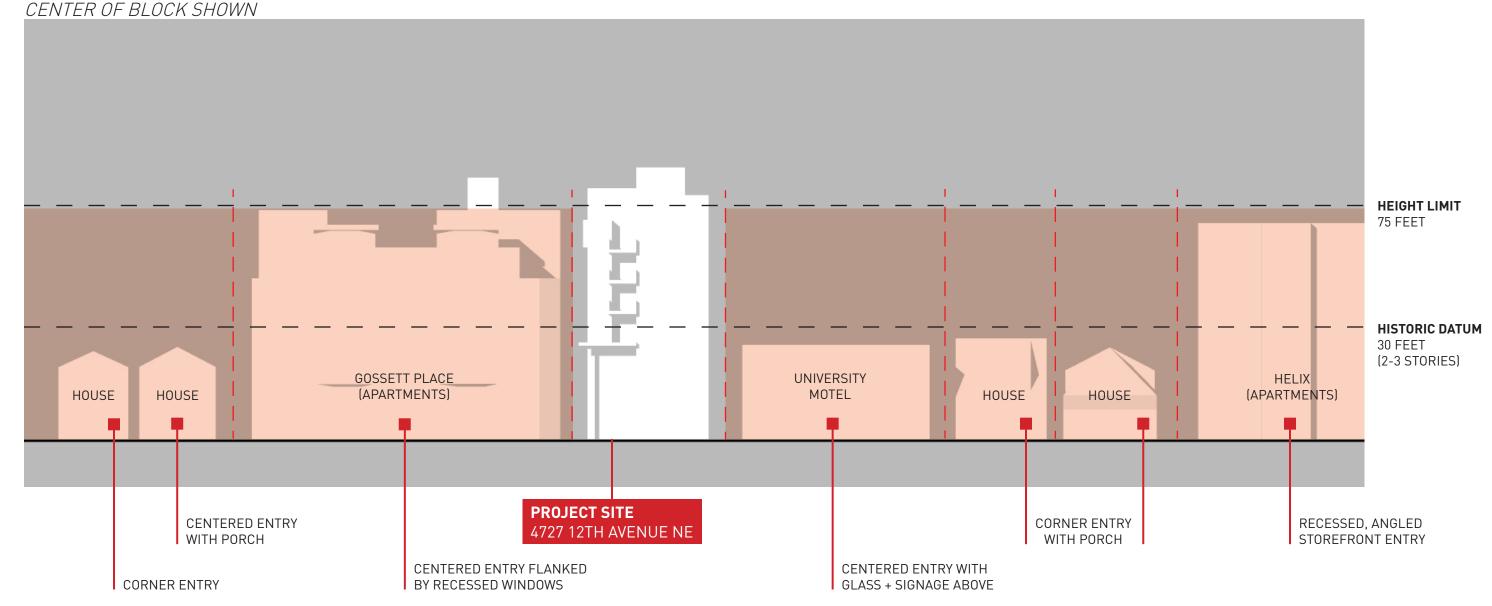
SITE FROM 12th AVENUE NE

SITE FROM ALLEY

The subject parcel is presently developed with a single-family residence originally constructed in 1907. The structures contains approximately 1760 sf finished and 810 sf unfinished floor area, and the parcel itself contains 4500 sf (0.10 acres).

No evidence of Environmentally Critical Areas (ECAs) has been found. The subject contains several Big Leaf Maple (Acer macrophyllum) trees. Per the project arborist, these trees are not Exceptional Trees per Director's Rule DR 16-2008. Please refer to the arborist's report of 1/16/2018 for details.

The street frontage has been improved with sidewalk, planter strip, and curb and gutter. No street trees are currently present. Access to the existing parking area to the south of the house is provided by a section of rolled curb. Finally, SDOT has installed a digital parking meter within the right-of-way fronting the subject.





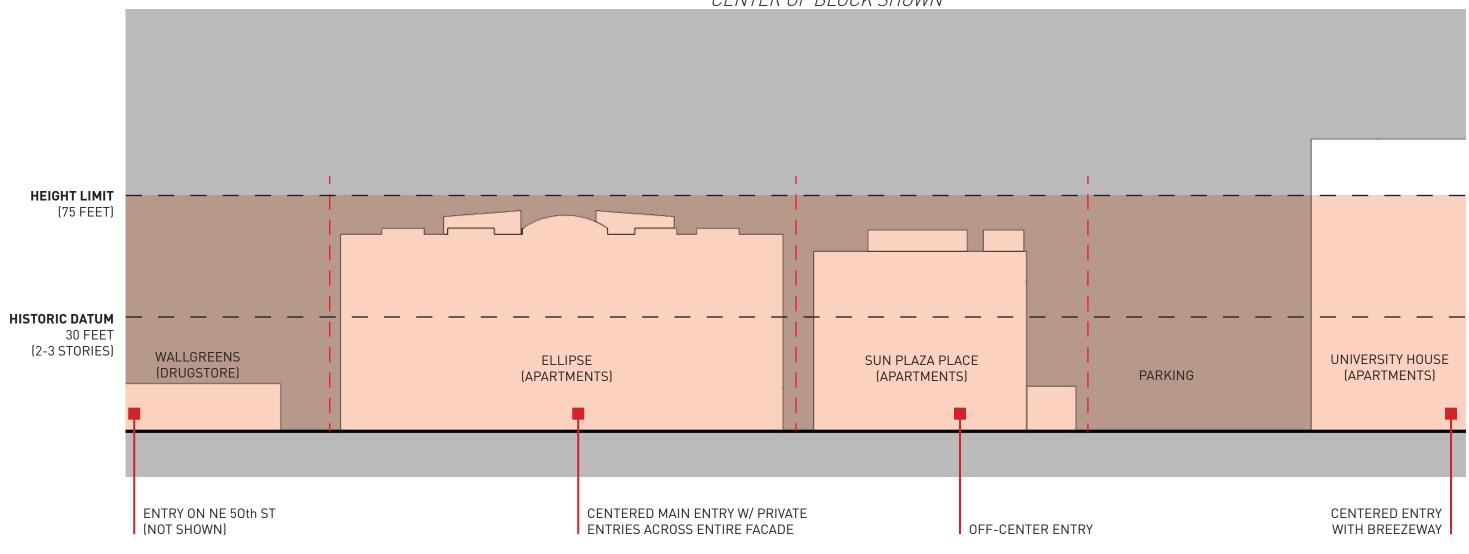


At present, the structures on the subject's block frontage are either 2-3 or 6-7 stories tall. This results in two horizontal datums, one at approximately 30 feet and the other at approximately 75 feet above grade.

Historically, this block was developed with single-family houses on 30-foot-wide lots. This pattern has been re-expressed in current development by dividing the larger structures into vertical segments, giving the impression of a row of buildings.

Entries are found both on corners and centered. They are typically accompanied by glazing, porches and similar features.

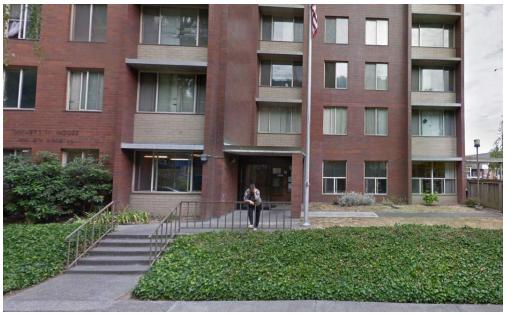
STREET FACADE ANALYSIS - EAST SIDE OF 12th AVENUE NE CENTER OF BLOCK SHOWN



The block frontage opposite the subject is presently developed with a handful of large apartment buildings, a parking lot and a drugstore. The neighborhood's historic datum no longer exists on this side of the street. The 75-foot datum observed on the subject's frontage is also less distinct on this side.

Main entries are typically centered, and one of the apartment buildings has numberous private entries as well. Entries are often accented with glazing, breezeways and similar features (see right).





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STANDARD	OPTION A (Preferred)	OPTION B	OPTION C
FLOOR AREA RATIO (SMC 23.48.020 + 620) FAR Multiplier: 4.75 FAR Limit = 21,380 sf	21,123 sf Gross Floor Area (GFA) proposed	20,826 sf GFA proposed	20,727 sf GFA proposed
STRUCTURE HEIGHT (SMC 23.48.025 + 615) Avg. Existing Grade = 217.88' 75 ft Height Limit = 292.88' Rooftop Features Limit: 25%	Proposed Top of Wall El. = 283.72' Proposed Parapet El. = 284.72' Stair Penthouse + Rooftop Lobby El. = 292.88' Elevator Penthouse El. = 300.89' (8 ft above limit) Rooftop Features Coverage = 9.6% (Stair, Elevator, etc.)	Proposed Top of Wall El. = 283.72' Proposed Parapet El. = 284.72' Stair Penthouse + Rooftop Lobby El. = 292.88' Elevator Penthouse El. = 300.89' (8 ft above limit) Rooftop Features Coverage = 15.7% (Stair, Elevator, etc.)	Proposed Top of Wall El. = 283.72' Proposed Parapet El. = 284.72' Stair Penthouse + Rooftop Lobby El. = 292.88' Elevator Penthouse El. = 300.89' (8 ft above limit) Rooftop Features Coverage = 9.6% (Stair, Elevator, etc.)
MANDATORY AFFORDABLE HOUSING (SMC 23.48.621)	Pursuant to SMC 23.58C.040, the payment option is proposed.	See Option A.	See Option A.
SETBACKS & SEPARATIONS (SMC 23.48.640-646) Front: None required. Rear: 5 ft (for sub-standard alley) Sides: None required	Front: None Rear: 5 ft setback provided Sides: North: 5 ft setback provided South: 5 ft typical, 3.5 ft minimum setback provided	See Option A.	See Option A.
AMENITY AREA (SMC 23.48.045) 5% Of Residential GFA	5% of 21,123 = 1056 sf required 1267 sf common and private amenity provided	5% of 20,826 = 1069 sf required 2579 sf common and private amenity provided	5% of 20,727 = 1036 sf required 1084 sf common and private amenity provided
LANDSCAPING STANDARDS (SMC 23.48.055) 0.5 GreenFactor Required Street Trees Required	Landscaping to meet requirements of GreenFactor 0.5. Green roof proposed as part of GreenFactor compliance. Street trees to be provided per SDOT.	See Option A.	See Option A.
LIGHT & GLARE (SMC 23.48.075)	Exterior lighting to be shielded and directed away from adjacent properties. Restrictions on vehicle lighting do not apply (no parking provided).	See Option A.	See Option A.
OFF-STREET PARKING AND SOLID WASTE STORAGE (SMC 23.48.080)	No parking required or provided. 12 ft setback provided from alley centerline to loading berth. 7 cy garbage, 8 cy recycling + 3 cy food waste storage required and provided (60 SEDUs + 7 EDUs).	See Option A.	See Option A.

CS2: URBAN PATTERNS AND FORM

Strengthen the most desirable forms, characteristics, and patterns of the Develop an architectural concept that will result in a unified and streets, block faces, and open spaces in the surrounding area.

- Entry court provides covered transition from public to private
- Project responds to anticipated future scale
- Project reinterprets elements of neighboring buildings and historic Main entry emphasized through covered entry court, materials and patterns

The residential mid-rise tower is connected to the street by an expanded covered outdoor volume- a transition from the public street to the private interior of the residential building. A four foot wide landscape strip softly separates the pedestrian from the building facade and further defines the exterior entry volume. This project continues the density and intensity of this redeveloping district, responding in scale to the anticipated future growth while introducing elements and datums that relate to adjacent structures and established patterns. (CS2.B.2, CS2.D.1)

CS3: ARCHITECTURAL CONTEXT AND CHARACTER

Contribute to the architectural character of the neighborhood.

- Provides human scale through vertical windows, individual and common decks, roof overhangs, integrated signage and varied materials.
- Responds to the eclectic mix of styles, materials and shapes found in the vicinity.

mid-rise tower project, part of the ongoing maturation of the block. Attending to this increase in building size and density, human scale is maintained through the use of individual and common residential balconies, overhanging roofs, vertically proportioned windows, integrated signage, and varied materials. These elements are drawn from the eclectic surroundings, with rectangular massing established as the primary design strategy in new mid-rise design and found among the taller of older structures. (CS3.A.1, CS3.I.i)

DC3: OPEN SPACE CONCEPT

Integrate open space design with the design of the building so that each complements the other.

Provides balconies, roof deck and green roof.

The project provides a variety of outdoor spaces including small private balconies, larger shared balconies and a roof deck. It also provides green roofs. (DC3.C.2)

DC2: ARCHITECTURAL CONCEPT

functional design that fits well on the site and within its surroundings.

- Material changes, offsets, balcony projections and other strategies reduce the apparent size of each part of the facade.
- fenestration.

For taller buildings, an articulated facade is a key strategy for breaking • up the visual mass. This is accomplished through material changes at massing offsets and relevant datums, along with recessed planes and contrasting balcony outcroppings. (DC2.A.2) The main entry is specifically highlighted using warm and fine scale accent materials, ample fenestration and architecturally integrated signage. To ensure that all sides of the building are articulated the project employs patterned materials and window arrangements (DC2.B.1).

DC4: EXTERIOR ELEMENTS AND FINISHES

Use appropriate and high quality elements and finishes for the building and its open spaces.

 Provides varied materials included metal, wood, concrete and glass.

The primary building material is panelized metal siding in different contrasting tones (with matte finish or dulled color) serve to highlight The existing architectural context is reinterpreted and employed in this—the changes in project massing through reinforcing contrast. Wood batten rain screens are used at the protected area of the building entry, and concrete is used as a strong base material while accent colors and glass enliven the streetscape. (DC4.A.1, DC4.I)

DESIGN GUIDELINES RESPONSE

PL1: OPEN SPACE CONNECTIVITY + PL3:STREET-LEVEL INTERACTION

Complement and contribute to the network of open spaces around the site and the connections among them. Encourage human activity and interaction at street level.

- Exaggerated entry court creates interest for passersby.
- Landscaping strip provides soft separation of private from public and helps create defensible space.
- At-grade transition from sidewalk to structure avoids unnecessary

The main entrance to the building is an exaggerated multi-story volume and visible from the street, accessed directly from the sidewalk and filtered by the landscape strip and highlighted by architecturally integrated signage and site furniture. (PL1.B.3, PL1.I.i) This creates defensible space for visibility and security paired with an at-grade pedestrian experience transitioning from public to private space and use. (PL3.I)

No code departures are requested.

OPTION A (PREFERRED)

60 SEDUs + 7 EDUs 7 floors + basement

REQUESTED CODE DEPARTURES

None

REQUESTED RIGHT-OF-WAY PROJECTIONS

Decks

Overframing

OPTION B

60 SEDUs + 7 EDUs 7 floors + basement

REQUESTED CODE DEPARTURES

None

REQUESTED RIGHT-OF-WAY PROJECTIONS

Decks

DESIGN OPTIONS COMPARISON

OPTION C

60 SEDUs + 7 EDUs 7 floors + basement

REQUESTED CODE DEPARTURES

None

REQUESTED RIGHT-OF-WAY PROJECTIONS

Decks

DESIGN DECISIONS

- Provide street-facing window bays and decks
- Create visual interest with an angled facade
- Provide clear sense of entry with double-height entry court
- Provide corner focal point

OPPORTUNITIES

- Decks allow for public/private interaction with the street below
- Feature columns make building structure a visible part of the design Responds to vertical modules elsewhere in vicinity

CONSTRAINTS

- Requires approval of overframing above the right-of-way
- Front-loaded stair tower creates large, flat facade plane

DESIGN DECISIONS

- Break facade into smaller masses
- Juxtapose a stack of horizontal lines with a vertical mass
- Shelter the main entry with colonnade
- Provide numerous street-facing decks

OPPORTUNITIES

- Entry colonnade allows for division between public and private

CONSTRAINTS

- Lower entry court provides less interesting pedestrian experience
- Front-loaded elevator tower creates tall, blank facade plane

DESIGN DECISIONS

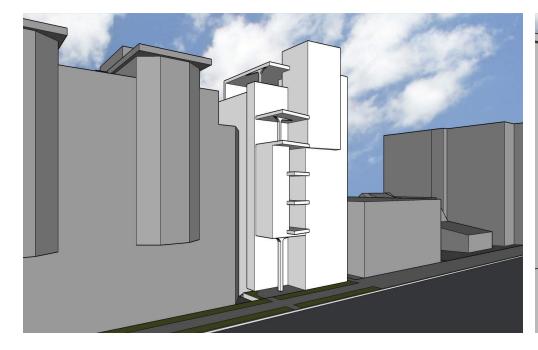
- Overemphasize main entry
- Simplify massing into three parts
- Provide decks at upper levels only
- Place elevator/stair tower at front facade

OPPORTUNITIES

- Triple height entry provides backdrop for potential art installation
- Simplified massing allows for materials to be the source of interest

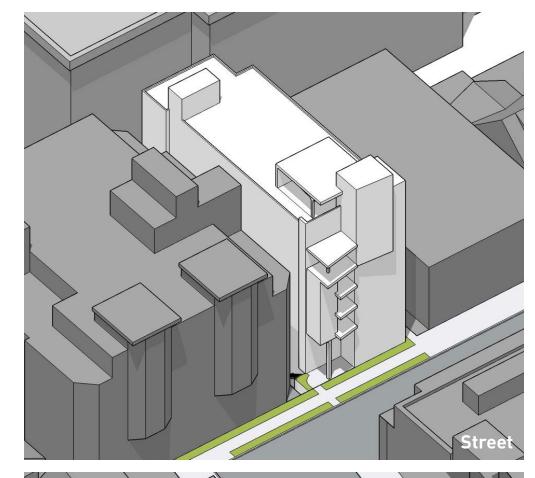
CONSTRAINTS

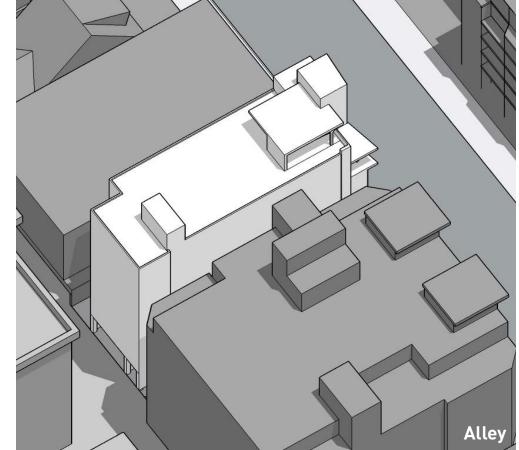
- Fewer opportunities for facade articulation
- Reduced decks limits public/private interation with the street below











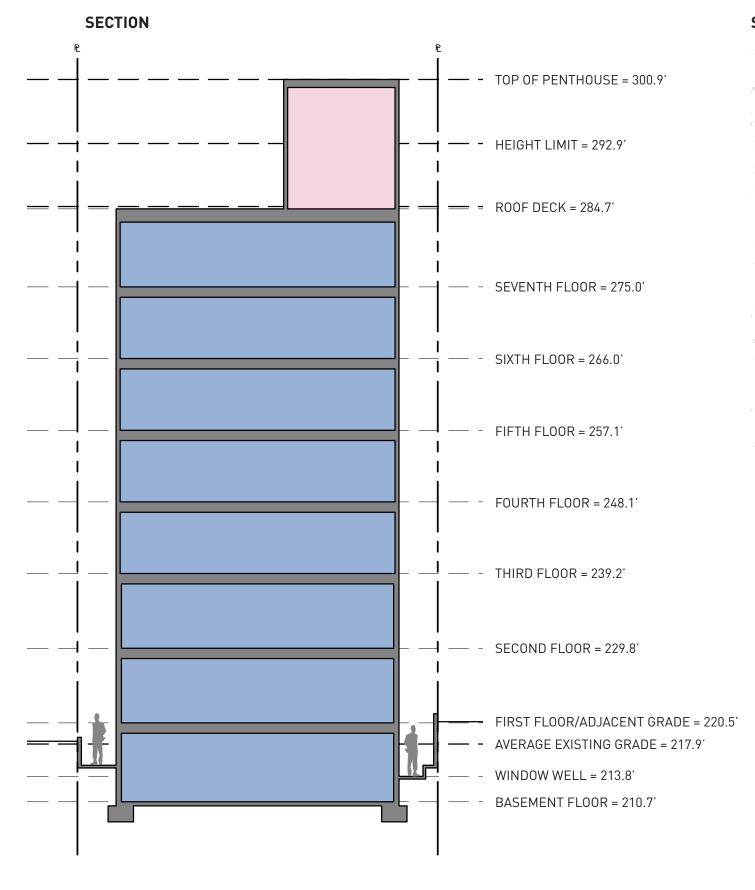
AXONOMETRICS



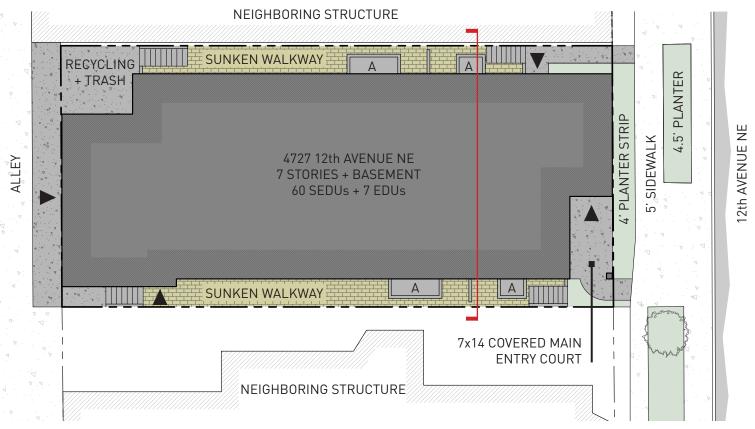
STREET LEVEL VIEW

projections accommodate private and common decks, allowing the pedestrian access with a clear sense of entry. building's community life to spill over into the public sphere.

The preferred option uses angled projections and prominent columns to In addition to these specific features, this option uses a series of stacked create visual interest and animate the front facade. These columns are masses and voids to reduce the apparent bulk of the structure. Doubleenvisioned as seamlessly integrated with the structure above through height voids, stacked decks and angled articulations all contribute to the use of curved, monolithic concrete. As noted above, the angled this. The double-height entry court provides a clear, visually impactful



SITE PLAN



KEY

RESIDENTIAL

CIRCULATION & STORAGE

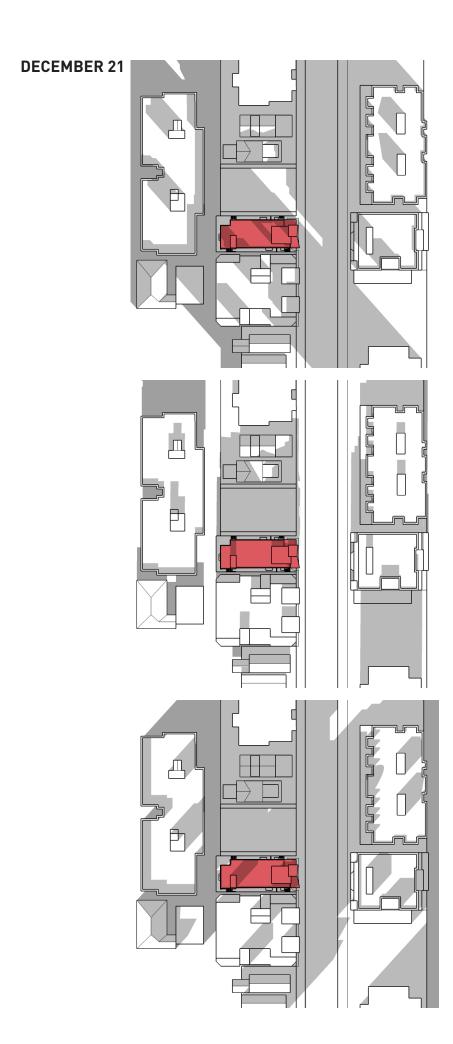
DECKS/PAVERS

LANDSCAPING

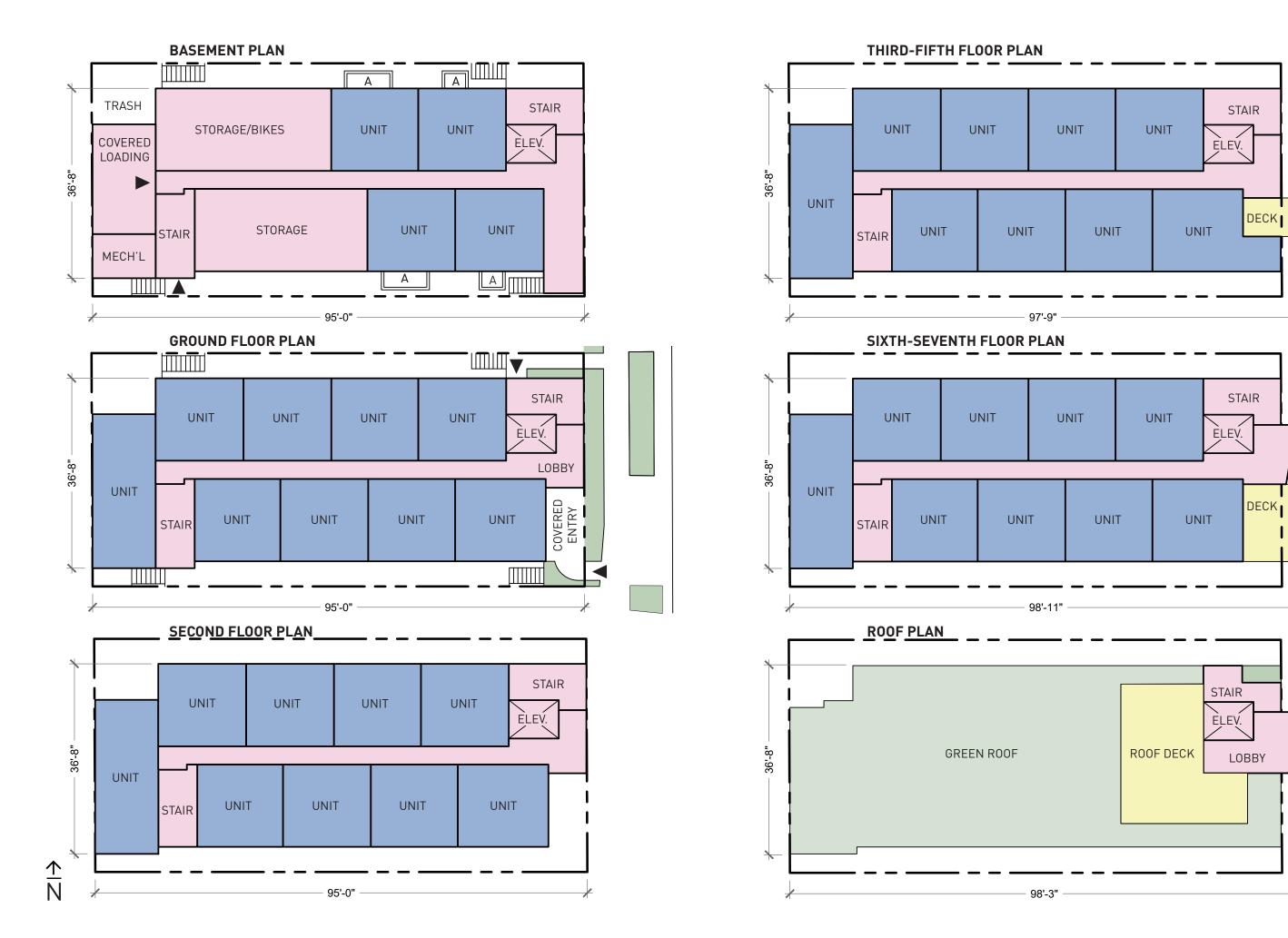
ENTRY

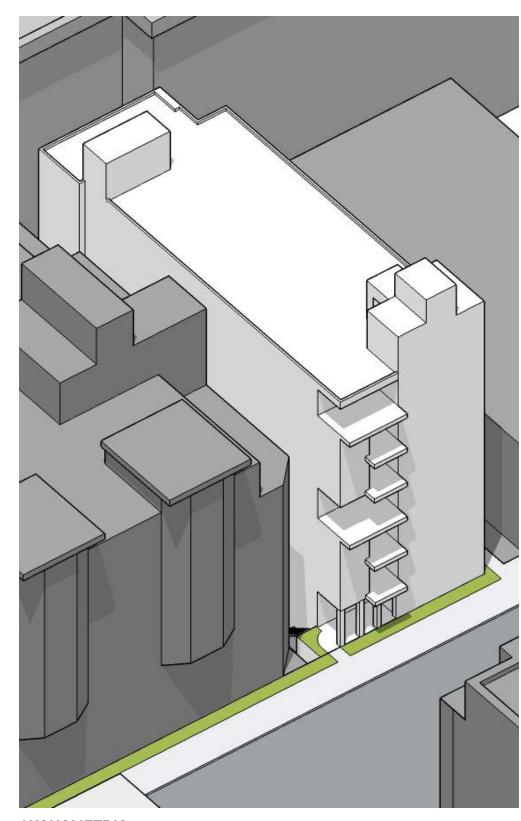
PROPERTY LINE













AXONOMETRIC

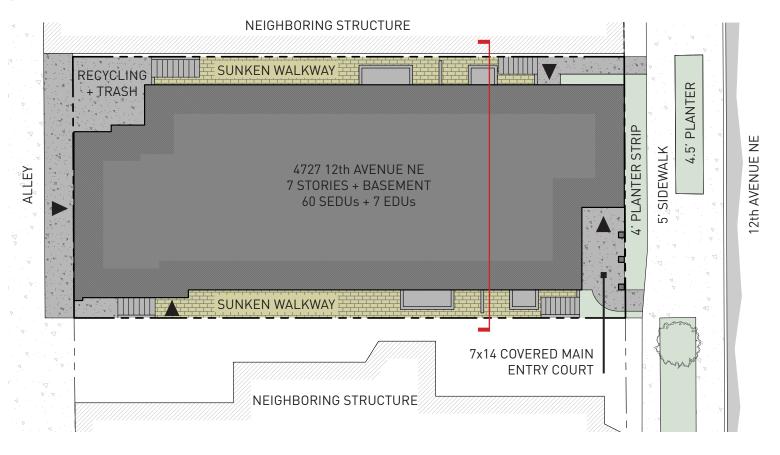
STREET LEVEL VIEW

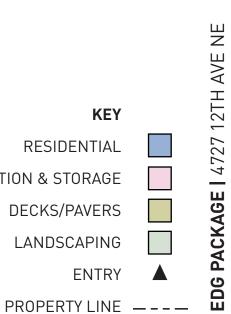
narrow, vertical modules also reflects a design strategy found elsewhere and more clearly delineated through the use of a colonnade. on the block frontage. The left side of the facade is further divided into a pair of three-story masses, reinforcing its stacked appearance.

As noted above, Option B juxtaposes the elevator and stair tower with As with the preferred option, decks are provided on the front facade a stack of decks. This allows the two kinds of verticality represented by to create overlap between the public and private spheres. The entry these features to play off of one another. The division of the facade into sequence to this option is also similar, though the entry court is lower

SECTION - TOP OF PENTHOUSE = 300.9' - HEIGHT LIMIT = 292.9' = ROOF DECK = 284.7' SEVENTH FLOOR = 275.0' SIXTH FLOOR = 266.0' FIFTH FLOOR = 257.1' - FOURTH FLOOR = 248.1' - THIRD FLOOR = 239.2' SECOND FLOOR = 229.8' – FIRST FLOOR = 220.5' AVERAGE EXISTING GRADE = 217.9' BASEMENT FLOOR = 210.7'

SITE PLAN





KEY

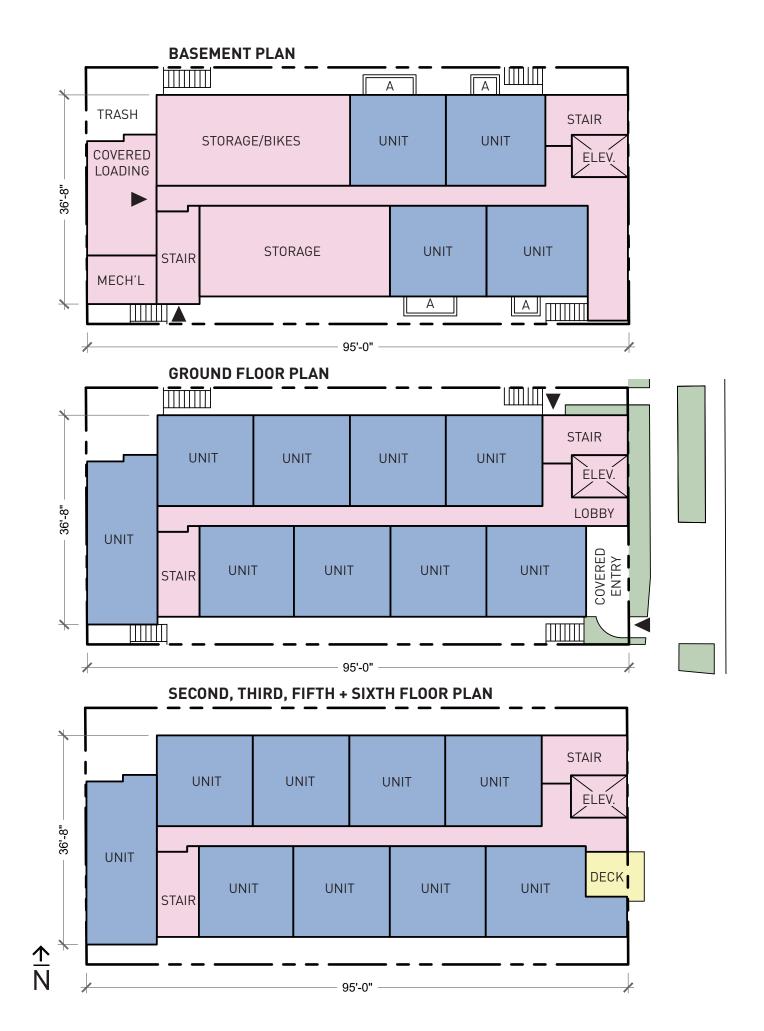
RESIDENTIAL

DECKS/PAVERS

LANDSCAPING

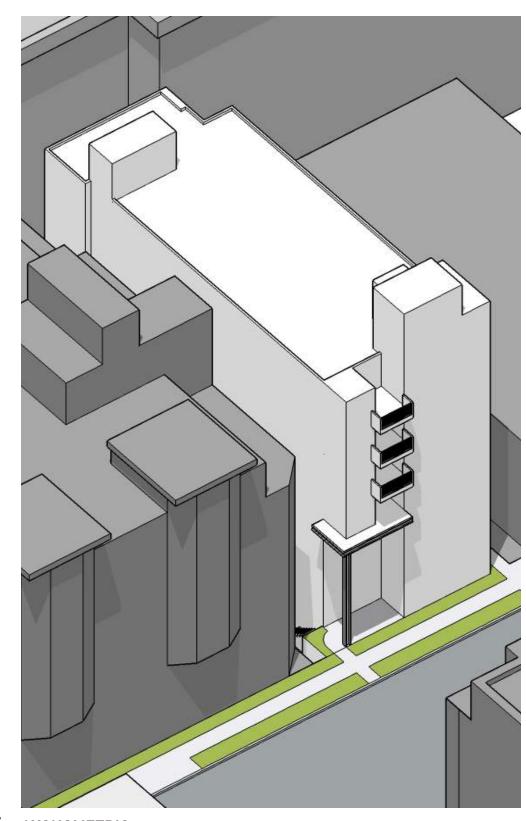
ENTRY

CIRCULATION & STORAGE





95'-0"





AXONOMETRIC

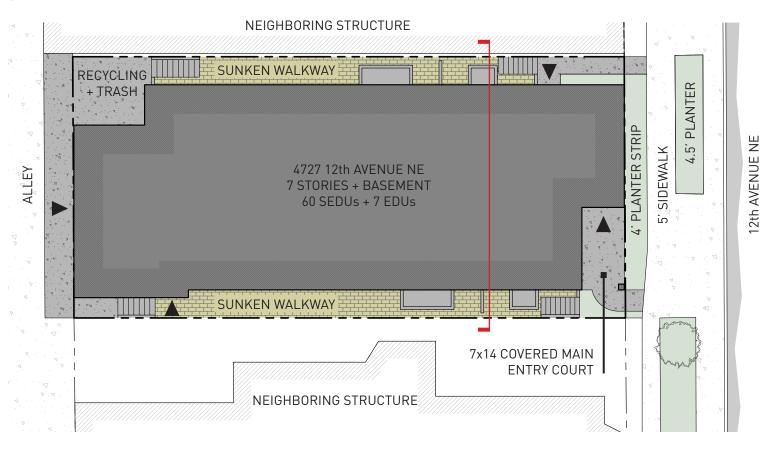
STREET LEVEL VIEW

facade is given visual drama through the use of an exaggerated, triple- frontage. height entry court and a single, slender column. As with the other options decks are provided to further enliven the front facade.

Option C presents the simplest facade to the street. It uses the same This option provides the opportunity to reinterpret the smooth facade left-right balance found in Option B while simplifying the granular planes and rectilinear massing found on the opposite side of 12th massing of that option into three essential elements. The resulting Avenue NE while respecting the typical module width of its own block

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SITE PLAN





KEY

RESIDENTIAL

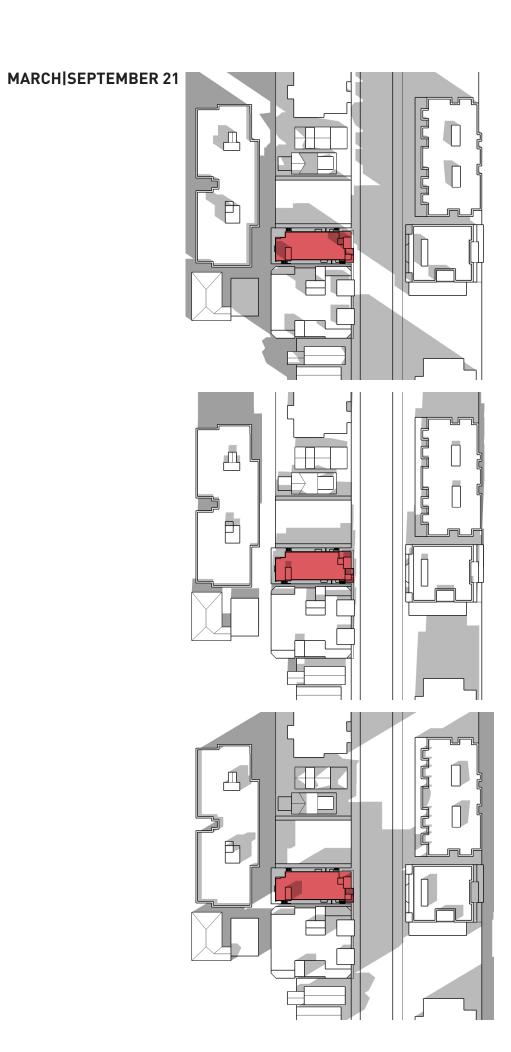
DECKS/PAVERS

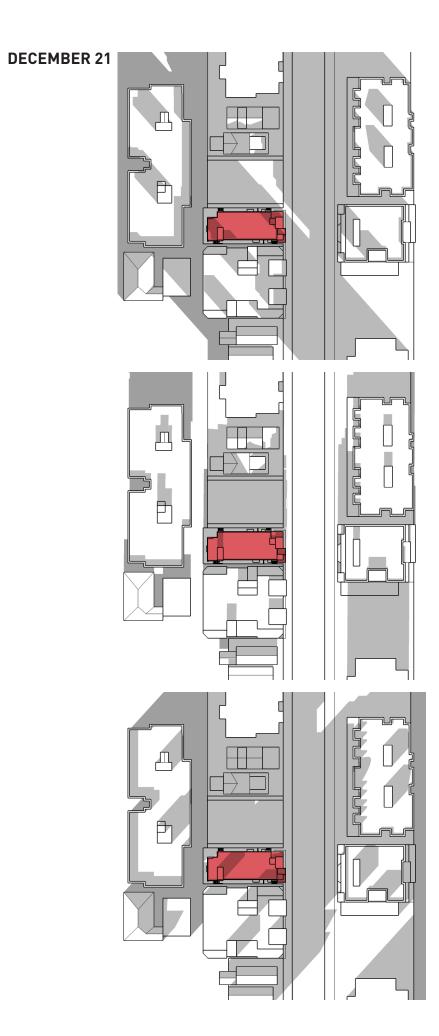
LANDSCAPING

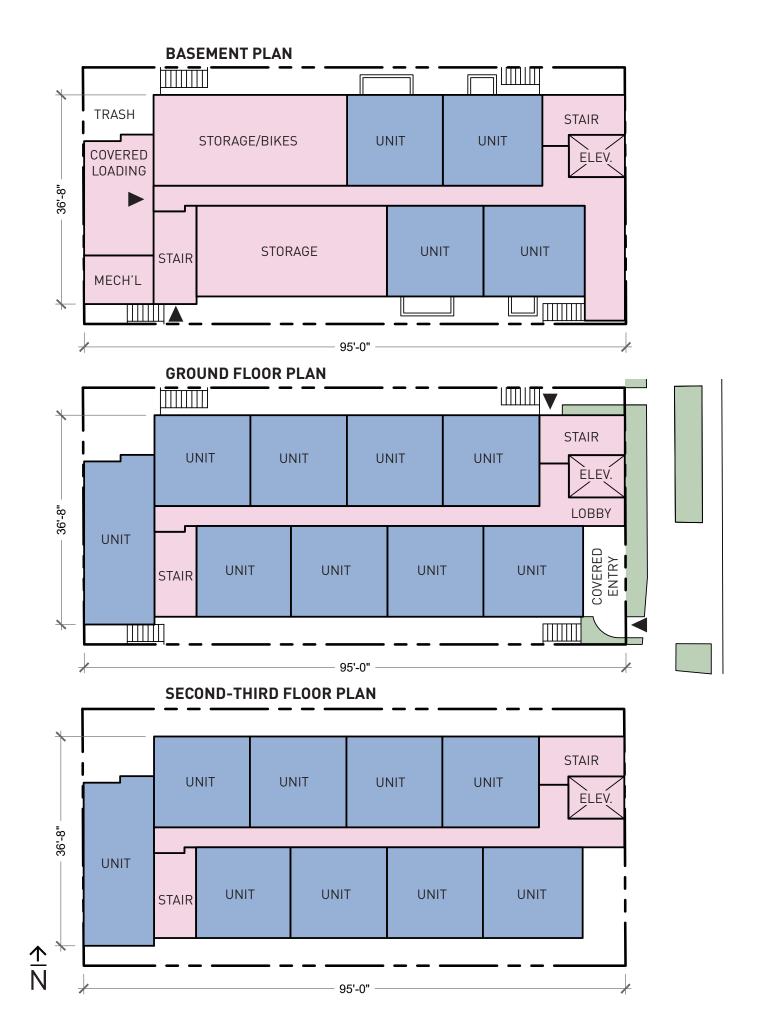
ENTRY

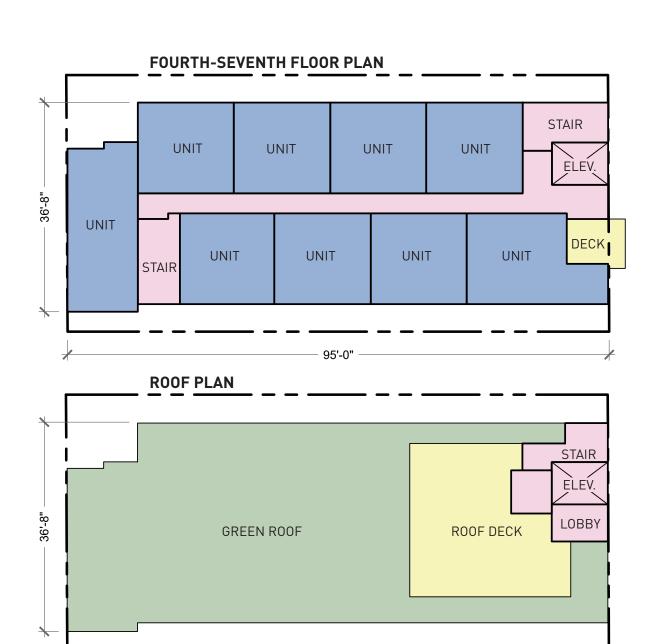
PROPERTY LINE ----

CIRCULATION & STORAGE

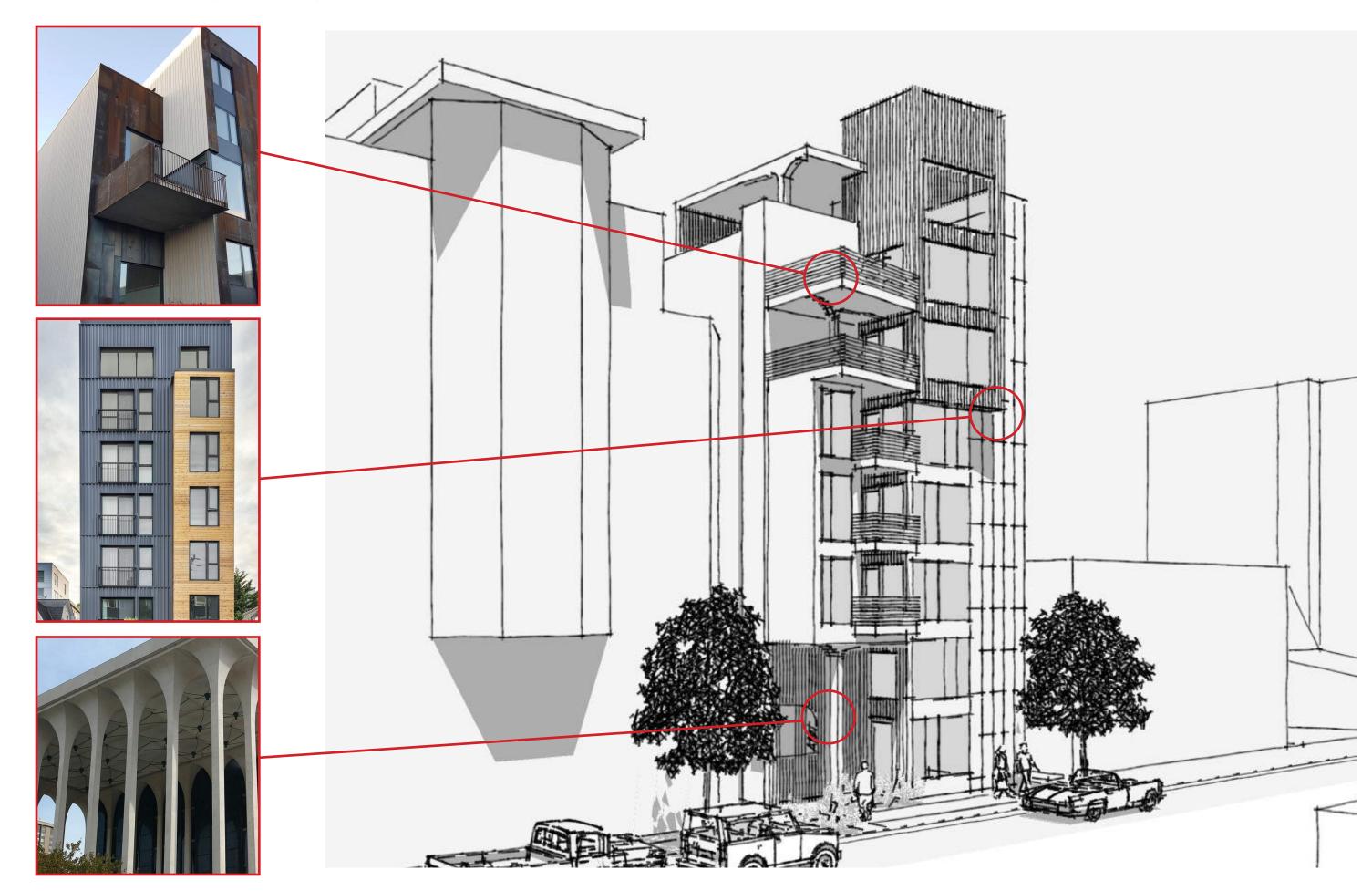




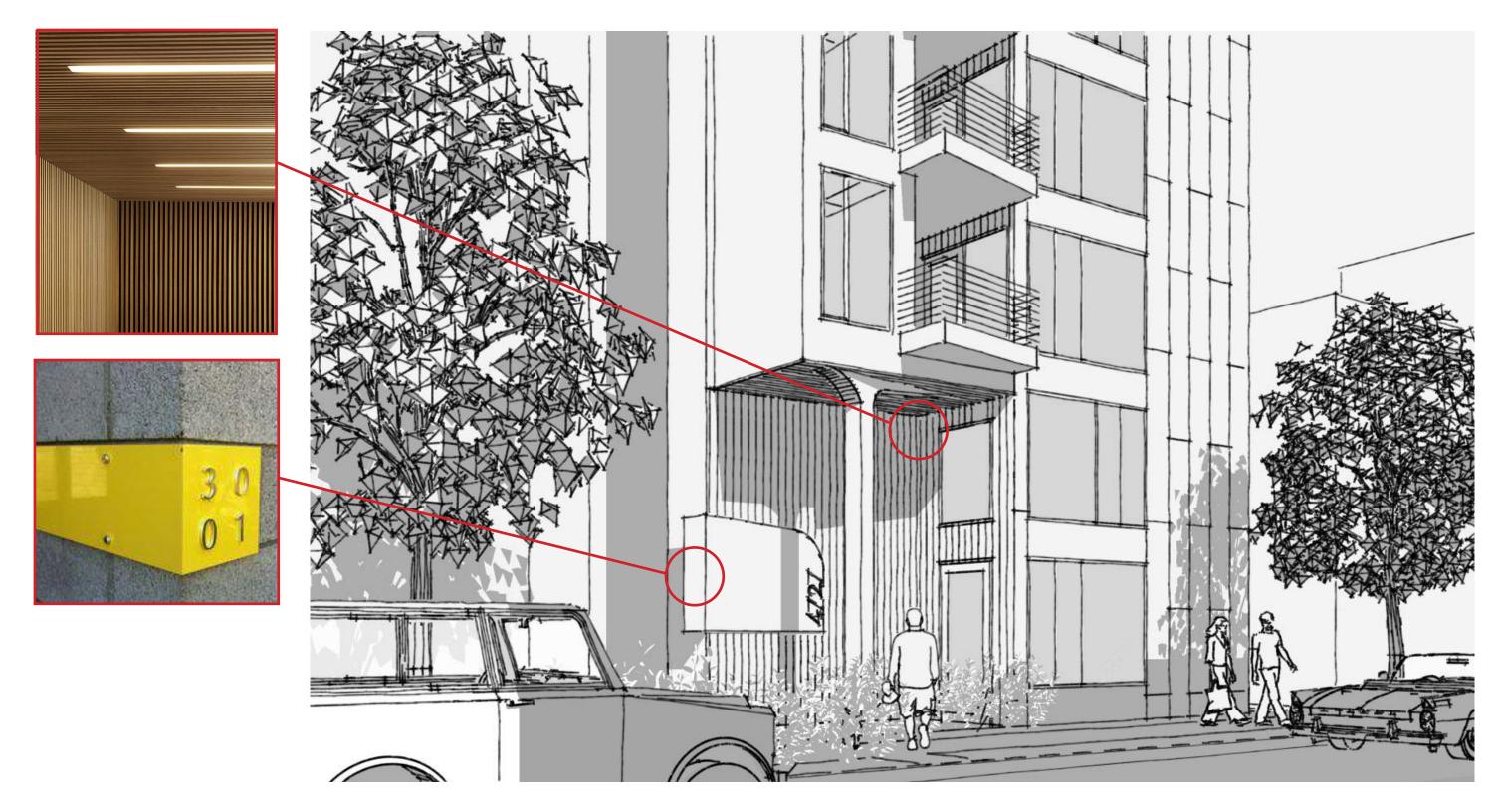




95'-0"



MAIN ENTRY CONCEPT SKETCH

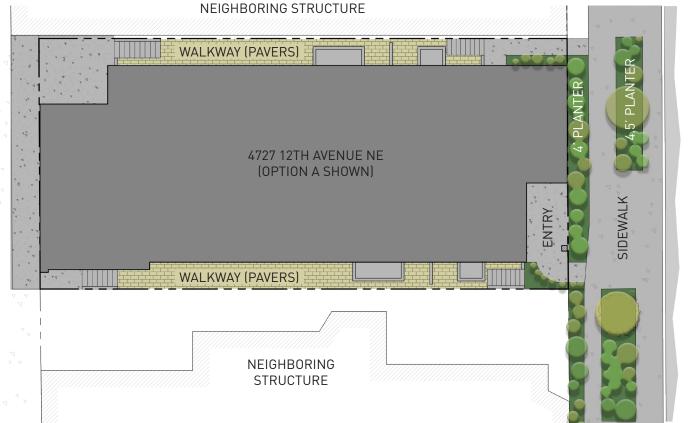






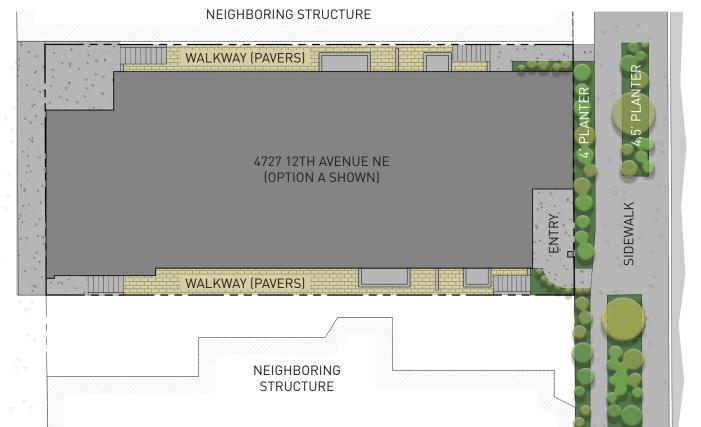


PAVERS + PARALLEL PLANTERS FRONT FACADE + SIDEWALK



SAMPLE GREEN ROOF PLANTS GREEN ROOF

PLANTERS ADJACENT TO WALL FRONT FACADE



ROOF LEVEL LANDSCAPE PLAN - OPTION A (PREFERRED) SHOWN

GROUND LEVEL LANDSCAPE PLAN - OPTION A (PREFERRED) SHOWN

12th AVENUE NE



ARBOR, BENCHES + PLANTERS **ROOF DECK**



